Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

In re Applications of	)	MM Docket No. 97-79
	)	
PATAPHYSICAL BROADCASTING FOUNDATION San Ardo, California Req. 91.7 MHZ, Channel 219B 2.7kW(V); 543 meters	)	File No. BPED-940316MB
	)	
CENTRAL COAST EDUCATIONAL BROADCASTERS King City, California Req: 91.3 MHZ, Channel 217A 0.900 kW(V); -117 meters	)	File No. BPED-950606MB

To: Administrative Law Judge
John M. Frysiak

PETITION FOR LEAVE TO AMEND

Central Coast Educational Broadcasters ("Central") is one of two parties to the above-captioned comparative hearing which involves the establishment of new noncommercial, educational FM radio service ("NCE-FM") in the King City/San Ardo, California area. For the following reasons, Central petitions for leave to amend its application for King City, California.[1]

Introduction

The parties to this hearing have executed a Settlement Agreement which is being filed as part of a joint petition for settlement. Under the terms of the agreement, the applications for Pataphysical Broadcasting Foundation ("Pataphysical) for channel 219 B would be granted as filed, and Central would amend its application by moving its transmitter location to an area with little population would effectively eliminate the harmful interference to the reception of Pataphysical's signal.

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[1] Attachment 1 hereto is Central's amended FCC Form 340 application.

Good Cause Exists for Grant of the Amendments Proposed by Central.

The standard for the acceptability of the amendments proposed herein by Central is "good cause". 47 C.F.R. §73.3522(b). This gauge is satisfied. Grant of the amendments will permit the prompt authorization of two new NCE-FM services in San Ardo and King City and will avoid the expense and delay of a comparative hearing. The new service gains will be accomplished without any loss of existing service.

Grant of Central's amendment involves a waiver of Section 73.509(a) of the Commission's rules, 47 C.F.R. §73.509(a) because there will be prohibited overlap between the 80 dBu contour of Central's amended Channel 217A application and the 60 dBu contour of Pataphysical's Channel 219B application. This area of represents 0.54 % of Pataphysical's 60 dBu contour, a *de minimis* overlap. In order to resolve this proceeding, the parties agree to accept this small degree of received interference.

Part of the settlement package being filed herewith includes a petition for waiver of Section 73.509(a) of the Commission's rules. The public interest factors in support of the waiver request also support grant of Central's petition for leave to amend. Another comparative proceeding involved facts and policy determinations analogous to this proceeding. *In re Applications of Cabrini College, et al.*, MM Docket 89-309 (ALJ, August 7, 1989). The *Cabrini College* case involved, and approved, the same type of "donut interference"[2] as encountered between Central's application and Pataphysical's application.

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[2] Donut interference refers to a situation where the transmitter site for one station is encompassed by the 60 dBu contour of another station.

Conclusion

Approval of the amendment proffered by Central for its application in King City, California is an essential element of the hearing settlement proposed herein. Therefore, Central respectfully requests that the presiding Judge grant its Petition for Leave to Amend and the attached amendment.

Respectfully submitted,

Central Coast Educational Broadcasters

By _____
Tara S. Becht

Its Attorney

Irwin, Campbell & Tannenwald, P.C.
1730 Rhode Island Avenue, N.W., Suite 200
Washington, D.C. 10036-3101
(202) 728-0400
July 16, 1997

AMENDMENT

Please amend the application of Central Coast Educational Broadcasters, for a new FM station at King City, CA, (BPED-940606MB) with the attached engineering material.

Signed and dated this 10th **day**

of July **, 1997.**

Central Coast Educational Broadcasters

Carl J. Auel, Trustee

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY File No. _____ ASB Referral Date _____ Referred by _____

Name of Applicant

Central Coast Educational Broadcasters

Call letters *(if issued)*	Is this application being filed in response to a window? ☐ Yes ■ No
N/A	If Yes, specify closing date: N/A

Purpose of Application: *(check appropriate box(es))* **Amend pending application**

- ☐ Construct a new (main) facility
- ☐ Construct a new auxiliary facility
- ☐ Modify existing construction permit for main facility
- ☐ Modify existing construction permit for auxiliary facility
- ☐ Modify licensed main facility
- ☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- ■ Antenna supporting-structure height
- ■ Effective radiated power
- ■ Antenna height above average terrain
- ☐ Frequency
- ■ Antenna location
- ☐ Class
- ☐ Main Studio location
- ☐ Other *(Summarize briefly)*

File Number(s) BPED-940606MB

1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
217	King City	Monterey	CA

Class *(check only one box below)*

■ A ☐ B1 ☐ B ☐ C3 ☐ C2 ☐ C1 ☐ C ☐ D

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

1.05 km NW of Bitterwater Road, 8.0 km NE of center of King City, Monterey County, CA

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	36 °	16 '	18 "	Longitude	121 °	05 '	11 "

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? ☐ Yes ■ No

If Yes, give call letter(s) or file number(s) or both. N/A

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any.

N/A

SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 2)

4. Does the application propose to correct previous site coordinates? ☐ Yes ■ No
If Yes, list old coordinates.

Latitude	Longitude
N/A ° ' "	N/A ° ' "

5. Has the FAA been notified of the proposed construction? ■ Yes ☐ No
If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available. Exhibit No. N/A

Date June 1997 Office where filed Western-Pacific Regional Office

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	Mesa Del Rey	5.8	216
(b)			

7. (a) Elevation: *(to the nearest meter)*

(1) of site above mean sea level; 250 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 24 meters

(3) of the top of supporting structure above mean sea level [(a)(1) + (a)(2)] 274 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

(1) above ground N/A meters (H)
22 meters (V)

(2) above mean sea level [(a)(1) + (b)(1)] N/A meters (H)
272 meters (V)

(3) above average terrain N/A meters (H)
11 meters (V)

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(b)(3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator. Exhibit No. E1

9. Effective Radiated Power:
(a) ERP in the horizontal plane N/A kw (H*) .930 kw (V*)

(b) Is beam tilt proposed? ☐ Yes ■ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field. Exhibit No. N/A
N/A kw (H*) N/A kw (V*)

*Polarization

SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 3)

10. Is a directional antenna proposed? ■ Yes ☐ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field. Exhibit No. E2

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour? ■ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125. Exhibit No. N/A

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *(except citizens band or amateur)* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference? ■ Yes ☐ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. *(See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)* Exhibit No. E3

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers. Exhibit No. E4

14. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers: Exhibit No. E5

Map is Monterey 1:250,000 scale topographic map

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and

(c) the legal boundaries of the principal community to be served.

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 264 sq. km. Population 8,611

16. Attach as an Exhibit a map *(Sectional Aeronautical charts where obtainable)* showing the present and proposed 1 mV/m (60 dbu) contours. Exhibit No. E6

Enter the following from Exhibit above: Gain Area 38.6 sq. mi.
Loss Area 4.6 sq. mi.

Percent change (gain area plus loss area as percentage of present area) 63.5 %.
If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

17. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No. N/A

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.: N/A)

18. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313).*

Source of terrain data: *(check only one box below)*

■ Linearly interpolated 30-second database ☐ 7.5 minute topographic map

(Source: NGDC)

☐ Other *(briefly summarize)*

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour ERP(KW)	(kilometers)
0	- 88.5	.030	4.1
45	-181.6	.030	4.1
90	- 26.5	.030	4.1
135	- 4.7	.030	4.1
180	136.6	.100	12.0
225	59.7	.760	13.2
270	119.0	.375	15.6
315	76.8	.055	7.7

Allocation Studies

(See Subpart E of 47 C.F.R. Part 73)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico? ☐ Yes ■ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No. N/A

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada? ☐ Yes ■ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947. Exhibit No. N/A

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following: Exhibit No. E7

(a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
(b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
(c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
(d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
(e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
(f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
(g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
(h) The name of the map(s) used in the Exhibit(s).

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ *(separation requirements involving intermediate frequency (i.f.) interference)*. Exhibit No. E7

23.(a) Is the proposed operation on Channel 218, 219, or 220? ☐ Yes ■ No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207? ☐ Yes ☐ No

N/A

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223. Exhibit No. N/A

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose. Exhibit No. N/A

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 6)

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No. N/A

(1) Protected and interfering contours, in all directions (360), for the proposed operation.
(2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
(3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
(4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
(5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

■ Yes ☐ No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No. E8

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

☐ Yes ■ No

If Yes, attach as an Exhibit information required in 1/. *(Except for Class D (secondary) proposals.)*

Exhibit No. N/A

26. Environmental Statement *(See 47 C.F.R. Section 1.1307 et seq.)*

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

☐ Yes ■ No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No. N/A

If No, explain briefly why not. See Exhibit E9

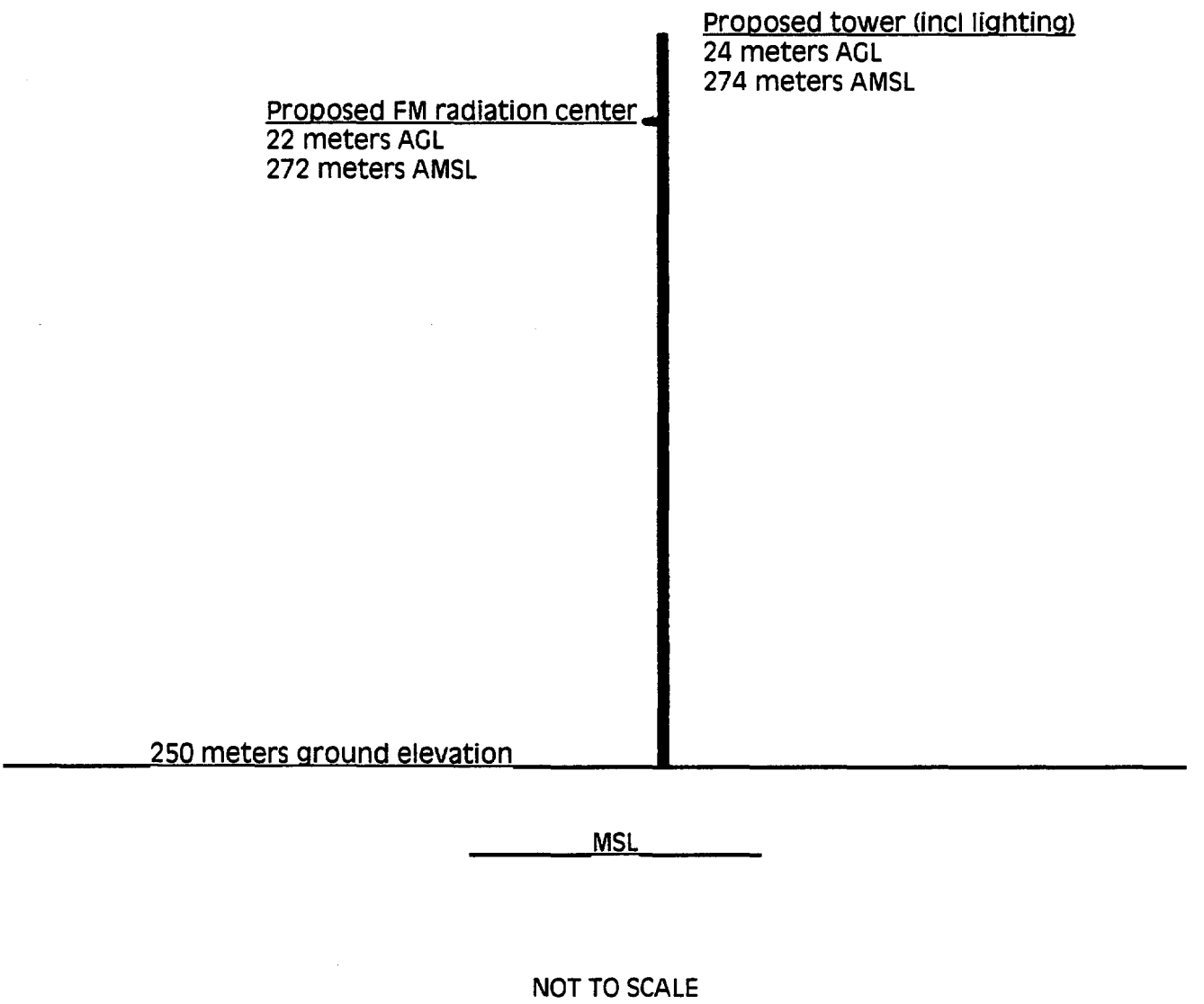
CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name *(Typed or Printed)*	Relationship to Applicant *(e.g., Consulting Engineer)*
Linda Adams	Technical Consultant
Signature	Address *(Include ZIP Code)*
	P.O. Box 214044 Sacramento, CA 95821
Date 6-17-97	Telephone No. *(Include Area Code)* (916) 568-7292

Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

EXHIBIT E1 JUNE 1997



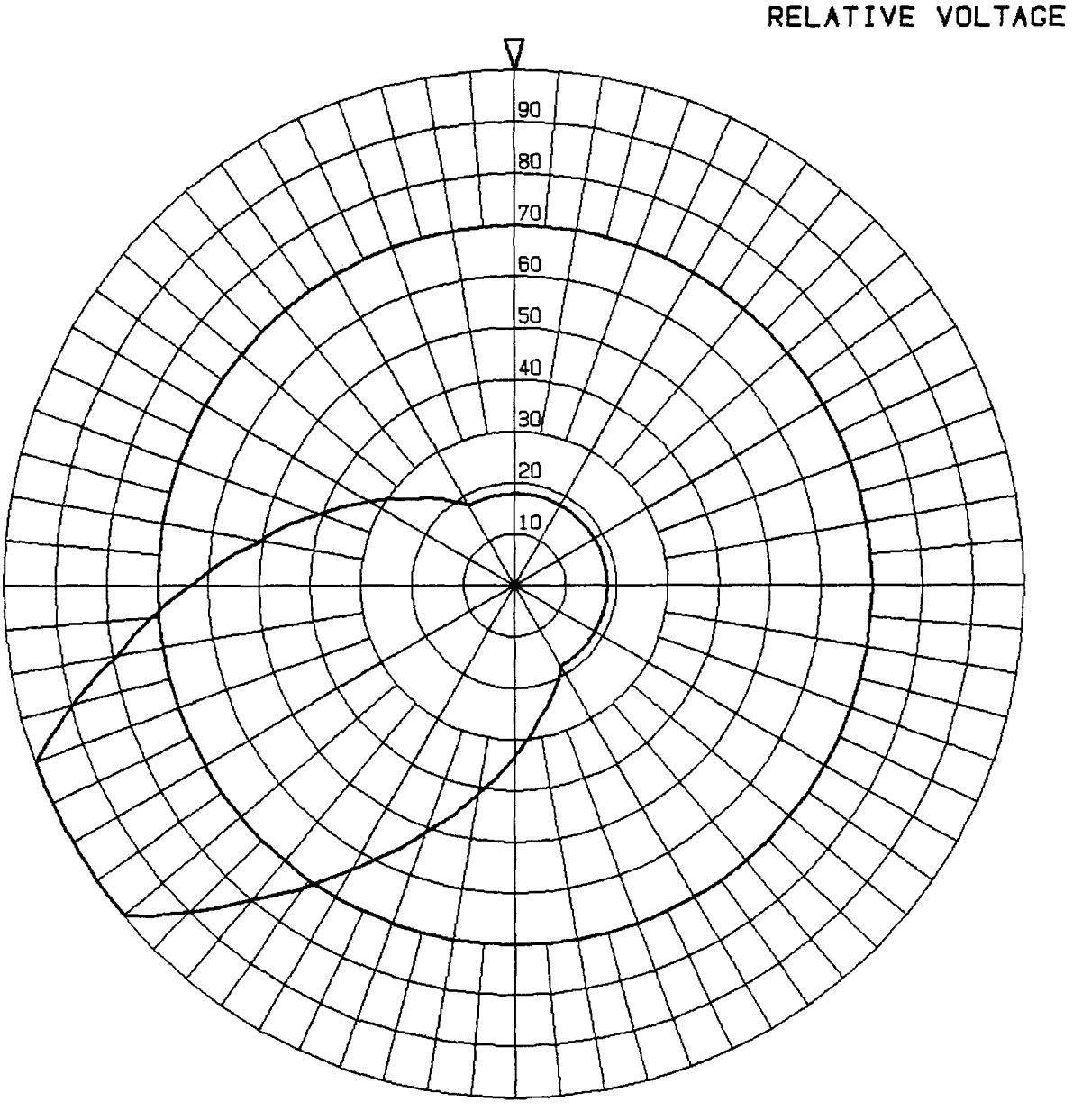
NOT TO SCALE

Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

EXHIBIT E2
Page 1

JUNE 1997

Horizontal Plane Pattern (vertical polarization only)



Tabulation of Horizontal Plane Pattern (vertical polarization only)

ERP = .93 kW, -.315 dBk FM - 2-6 Tables

Radial	HAAT	kW	dBk	Field	60 dBu.5
0 Degs.	-88.5M	0.030	-15.229	0.180	4.1
10 Degs.	-124.2M	0.030	-15.229	0.180	4.1
20 Degs.	-154.9M	0.030	-15.229	0.180	4.1
30 Degs.	-184.3M	0.030	-15.229	0.180	4.1
40 Degs.	-185.1M	0.030	-15.229	0.180	4.1
50 Degs.	-198.2M	0.030	-15.229	0.180	4.1
60 Degs.	-174.2M	0.030	-15.229	0.180	4.1
70 Degs.	-116.6M	0.030	-15.229	0.180	4.1
80 Degs.	-46.6M	0.030	-15.229	0.180	4.1
90 Degs.	-26.5M	0.030	-15.229	0.180	4.1
100 Degs.	-60.2M	0.030	-15.229	0.180	4.1
110 Degs.	-114.0M	0.030	-15.229	0.180	4.1
120 Degs.	-72.5M	0.030	-15.229	0.180	4.1
130 Degs.	-24.6M	0.030	-15.229	0.180	4.1
140 Degs.	8.0M	0.030	-15.229	0.180	4.1
150 Degs.	65.2M	0.030	-15.229	0.180	6.1
160 Degs.	108.8M	0.045	-13.468	0.220	8.8
170 Degs.	132.7M	0.065	-11.871	0.264	10.6
180 Degs.	136.6M	0.100	-10.000	0.328	12.0
190 Degs.	137.0M	0.155	-8.097	0.408	13.3
200 Degs.	133.5M	0.240	-6.198	0.508	14.7
210 Degs.	121.8M	0.375	-4.260	0.635	15.8
220 Degs.	80.6M	0.590	-2.291	0.796	14.3
230 Degs.	38.1M	0.930	-0.315	1.000	11.1
240 Degs.	51.2M	0.930	-0.315	1.000	12.9
250 Degs.	35.9M	0.930	-0.315	1.000	10.8
260 Degs.	69.7M	0.590	-2.291	0.796	13.3
270 Degs.	119.0M	0.375	-4.260	0.635	15.6
280 Degs.	145.4M	0.240	-6.198	0.508	15.4
290 Degs.	143.8M	0.155	-8.097	0.408	13.7
300 Degs.	132.1M	0.100	-10.000	0.328	11.8
310 Degs.	100.8M	0.065	-11.871	0.264	9.3
320 Degs.	63.4M	0.045	-13.468	0.220	6.7
330 Degs.	28.7M	0.030	-15.229	0.180	4.1
340 Degs.	-24.3M	0.030	-15.229	0.180	4.1
350 Degs.	-70.5M	0.030	-15.229	0.180	4.1

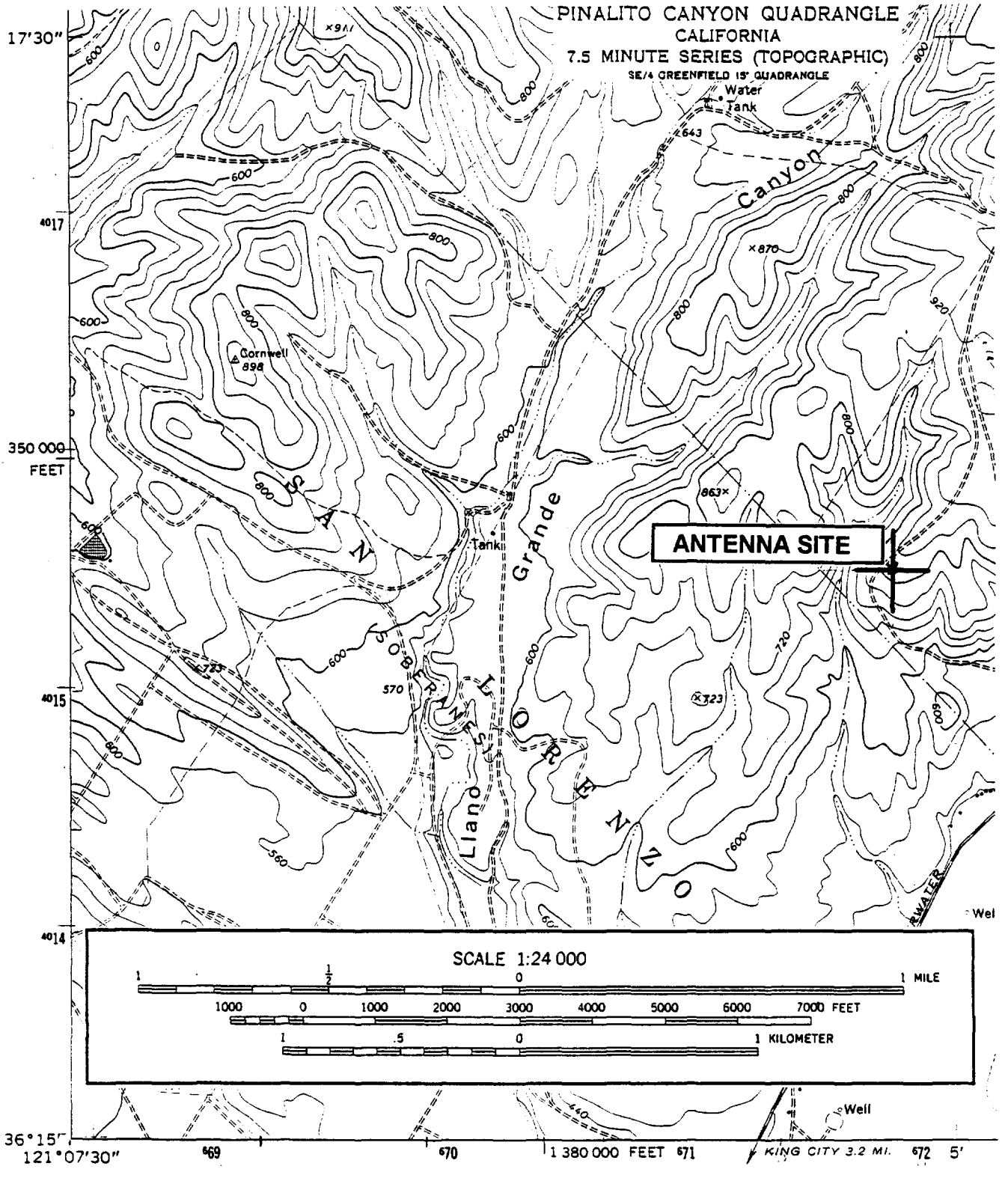
Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

EXHIBIT E3 JUNE 1997

The proposed FM will be located at a site that is not currently utilized by other broadcast facilities. It is not anticipated that there will be any interference caused to other facilities by the proposed FM, however, the applicant will assume full responsibility for the elimination of any interference caused by the proposed FM to facilities as referenced in No. 12 of Section V-B.

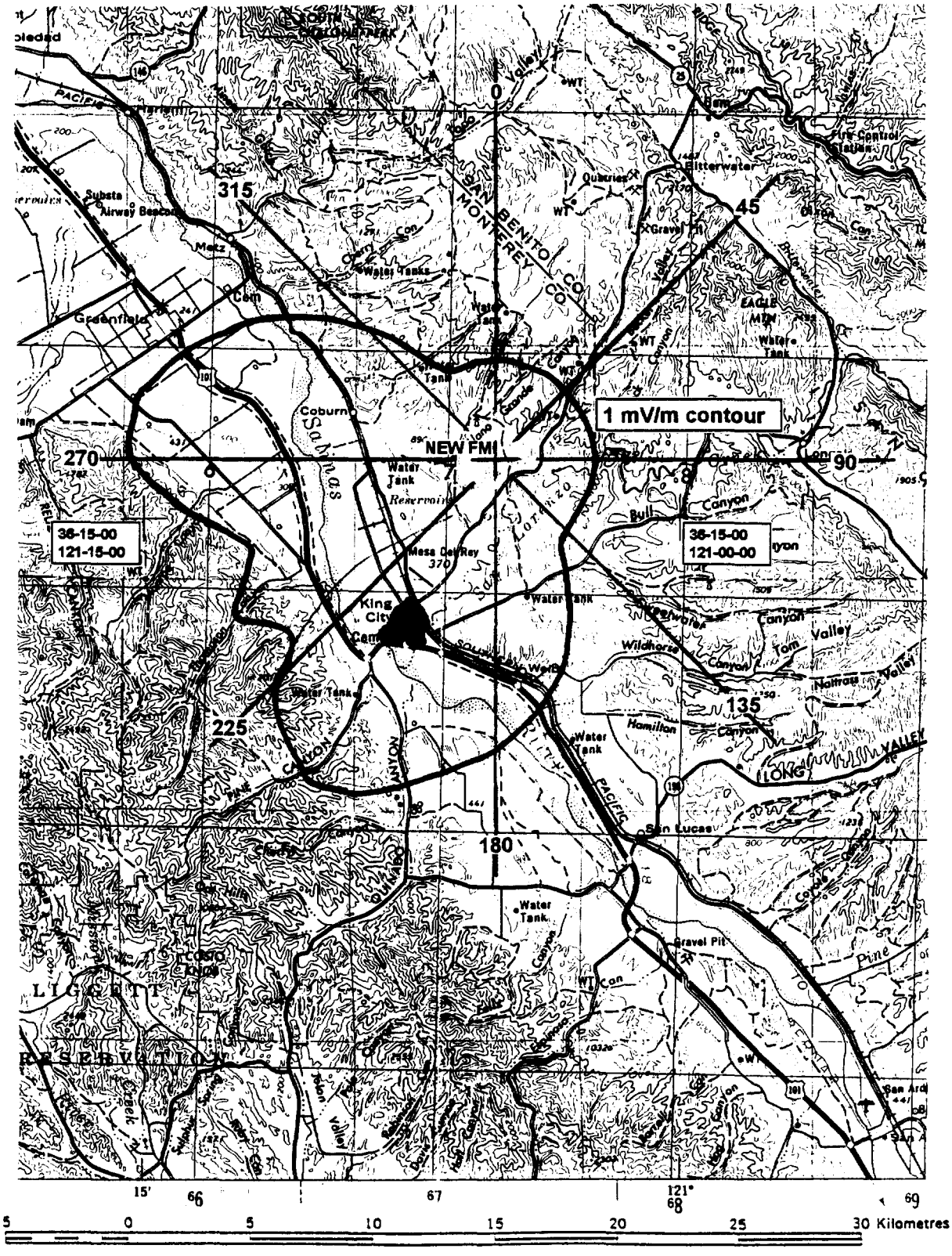
Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

EXHIBIT E4 JUNE 1997



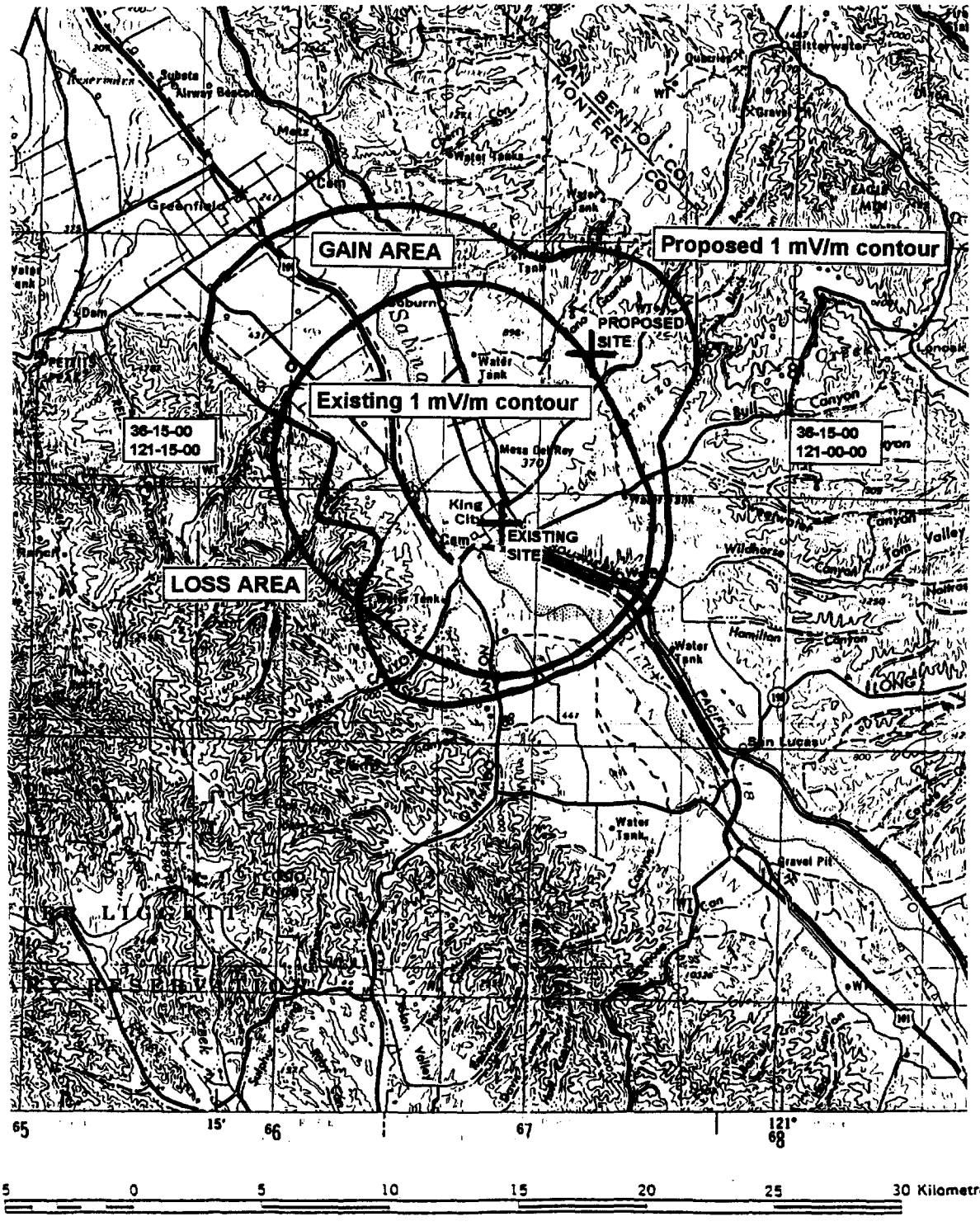
Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

EXHIBIT E5 JUNE 1997



Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

EXHIBIT E6 JUNE 1997



Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

The proposed FM meets all minimum separation distance requirements with regard to other stations that are co-channel, first, second and third adjacent channels, including those separated by 53/54 channels, with the exception that the proposed FM is mutually exclusive with the new application of Pataphysical Broadcasting for channel 219B, San Ardo, CA, BPED-940316MB.

Currently the application of Central Coast for channel 217 specifies a site that is within the 60 dBu contour of Pataphysical's application for channel 219, resulting in Central Coast's 80 dBu contour being completely encompassed by Pataphysical's 60 dBu contour. By a mutual agreement between Central Coast and Pataphysical, Central Coast is proposing to re-locate to a site that is still within the 60 dBu contour of Pataphysical, however, due to the remoteness of the new site, the population within Central Coast's proposed 80 dBu contour has been greatly reduced. The current 80 dBu contour is within the city limits of King City and covers an area of 17.91 sq. km that contains 7,634 persons, which is the entire 1990 census population for King City. The proposed 80 dBu contour is located 8.0 km from the center of King City and covers an area of 45.63 sq. km. Determined from an actual count, there are only 11 houses within the proposed 80 dbu contour. Even though the proposed 80 dbu contour covers a larger area than the current 80 dBu contour, there will be much less potential for interference to Pataphysical's 60 dBu contour as the site is located in a rural area of farms and ranchland that is unlikely to be developed in the future.

The remaining pages of this Exhibit contain an interference study showing the relationship of the proposed FM to other stations, detailed information on the relationship between the proposed FM and Pataphysical's application, and detailed information showing the lack of prohibited overlap between the proposed FM and KHDC, channel 215A, Chualar, CA.

CH# 217A - 91.3 MHz

INTERFERENCE CHECKS WITH NEW, KING CITY, CA at N. LAT. 36 16 18 W. LNG. 121 05 11
PWR = .93 kW H.A.A.T. = 11 M C.O.R. = 272 M AMSL
Protected F(50-50) 60 dBu = 9.98 km
F(50-10) 40 dBu = 34.78 54 dBu = 13.91 80 dBu = 3.09 100 dBu = 2.14

CH# CALL	TYPE	* IN *	* OUT *	BEARING	DISTANCE	LAT.	PWR(kW)	INT(km)	PRO(km)
CITY	STATE	LICENSEE		<---		LNG.	HAAT(M)	COR(M)	FILE #
214A AP214	AP DCN	58.0	57.4	336.8	70.58 km	36 51 20	1.40	2.62	11.03
Hollister	CA	Central Coast Educational		156.8	43.86 Mi	121 23 57	-113.0	106	BPED951108MO
215A KHDC	LI CN	31.1	25.0	317.3	46.95 km	36 34 54	3.00	5.87	18.83
Chualar	CA	Voces Unidas Bilingual Bro		137.3	29.17 Mi	121 26 34	59.0	369	BLED810708AC
216B1 KLVY.C	CP CN	72.2	86.6	36.7	131.46 km	37 13 01	15.00	49.27	30.99
Fairmead	CA	Educational Media Foundati		216.7	81.69 Mi	120 11 57	78.0	183	BPED940606ME
217A KCPR	LI CN	58.7	67.3	160.9	114.13 km	35 17 58	2.00	45.40	12.00
San Luis Obispo	CA	California State Polytechn		340.9	70.92 Mi	120 40 26	-107.0	158	BLED1467
217A AP217	AP DVN	-36.7	-37.0	209.3	7.64 km	36 12 42	0.90	34.39	9.90
King City	CA	Central Coast Educational		29.3	4.75 Mi	121 07 41	0.0	127	BPED940606MB
FCC Comment > Amended 950821-Designated for Hearing D97-79 970224									
217B KUOP	LI DCN	1.5	50.0	350.2	136.14 km	37 28 48	7.00	124.64	51.34
Stockton	CA	University of the Pacific		170.2	84.59 Mi	121 21 02	372.0	827	BLED830310AI
218B1 KKUP	LI CN	50.9	65.6	324.4	115.13 km	37 06 40	0.20	54.28	35.62
Cupertino	CA	Assurance Science Foundati		144.4	71.54 Mi	121 50 36	787.0	1180	BLED831114AD
219B AP219	AP VN	8.4	-18.5	167.8	36.33 km	35 57 06	2.70	17.94	51.78
San Ardo	CA	Pataphysical Broadcasting		347.8	22.57 Mi	121 00 03	543.0	889	BPED940316MB
FCC Comment > Vertical Polarization Only-Designated for Hearing D97-79 970224									
220A KSPB	LI CN	70.9	58.1	295.3	82.71 km	36 35 11	1.00	1.78	22.45
Pebble Beach	CA	Robert Louis Stevenson Sch		115.3	51.39 Mi	121 55 21	148.0	245	BMLED881216KF
I.F. RELATIONSHIPS:									
271B KRKCFM	LI CN	15.0 R	21.3 M	167.8	36.33 km	35 57 06	2.60	3.29	66.00
King City	CA	King City Communications C		347.8	22.57 Mi	121 00 03	555.0	899	BLH890203KC

Nearest CH 6 Grade B =KSBY at-15.63 km, Distance= 108.39 Azimuth = 158.9 Deg. T.

new
Channel= 217
Max ERP = .93 kW
RCAMSL = 272 M
N. Lat = 361618
W. Lng = 1210511

AP219 - BPED940316MB
Channel = 219
Max ERP = 2.7 kW
RCAMSL = 889 M
N. Lat = 355706
W. Lng = 1210003

Protected
60 dBu

Interfering
80 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
0.0	0.030	-88.5	4.1	349.0	2.700	552.3	40.4	67.3
10.0	0.030	-124.2	4.1	350.0	2.700	560.9	40.2	67.5
20.0	0.030	-154.9	4.1	350.9	2.700	567.3	39.9	67.8
30.0	0.030	-184.3	4.1	351.8	2.700	572.3	39.5	68.0
40.0	0.030	-185.1	4.1	352.6	2.700	576.5	39.0	68.3
50.0	0.030	-198.2	4.1	353.2	2.700	579.9	38.4	68.6
60.0	0.030	-174.2	4.1	353.7	2.700	582.9	37.8	68.9
70.0	0.030	-116.6	4.1	354.1	2.700	585.2	37.1	69.3
80.0	0.030	-46.6	4.1	354.3	2.700	586.2	36.4	69.6
90.0	0.030	-26.5	4.1	354.3	2.700	586.2	35.7	69.9
100.0	0.030	-60.2	4.1	354.0	2.700	584.6	35.0	70.2
110.0	0.030	-114.0	4.1	353.6	2.700	582.3	34.3	70.4
120.0	0.030	-72.5	4.1	353.0	2.700	578.7	33.7	70.7
130.0	0.030	-24.6	4.1	352.1	2.700	573.9	33.2	70.8
140.0	0.030	8.0	4.1	351.1	2.700	568.5	32.7	70.9
150.0	0.030	65.2	6.1	351.3	2.700	569.6	30.5	72.0
160.0	0.045	108.8	8.8	350.2	2.700	562.5	27.6	73.5
170.0	0.065	132.7	10.6	346.8	2.700	535.0	25.7	74.2
180.0	0.100	136.6	12.0	341.9	2.700	510.8	24.8	74.4
190.0	0.155	137.0	13.3	335.9	2.700	466.5	24.5	73.9
200.0	0.240	133.5	14.7	329.6	2.700	392.8	25.2	71.8
210.0	0.375	121.8	15.8	324.4	2.700	371.3	26.8	70.1
220.0	0.590	80.6	14.3	325.5	2.700	364.9	29.8	68.1
230.0	0.930	38.1	11.1	330.2	2.700	398.3	32.7	67.5
240.0	0.930	51.2	12.9	327.0	2.700	369.8	34.7	65.8
250.0	0.930	35.9	10.8	330.7	2.700	402.8	36.5	65.9
260.0	0.590	69.7	13.3	327.9	2.700	377.4	39.2	64.0
270.0	0.375	119.0	15.6	326.7	2.700	367.8	42.5	62.3
280.0	0.240	145.4	15.4	329.1	2.700	388.3	44.5	62.0
290.0	0.155	143.8	13.7	332.9	2.700	424.0	45.1	62.6
300.0	0.100	132.1	11.8	336.6	2.700	474.8	45.1	63.8
310.0	0.065	100.8	9.3	340.3	2.700	500.6	44.1	64.8
320.0	0.045	63.4	6.7	343.5	2.700	518.8	42.4	65.8
330.0	0.030	28.7	4.1	346.0	2.700	530.0	40.3	66.9
340.0	0.030	-24.3	4.1	347.0	2.700	536.3	40.4	67.0
350.0	0.030	-70.5	4.1	348.0	2.700	544.0	40.5	67.1

Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

EXHIBIT E7
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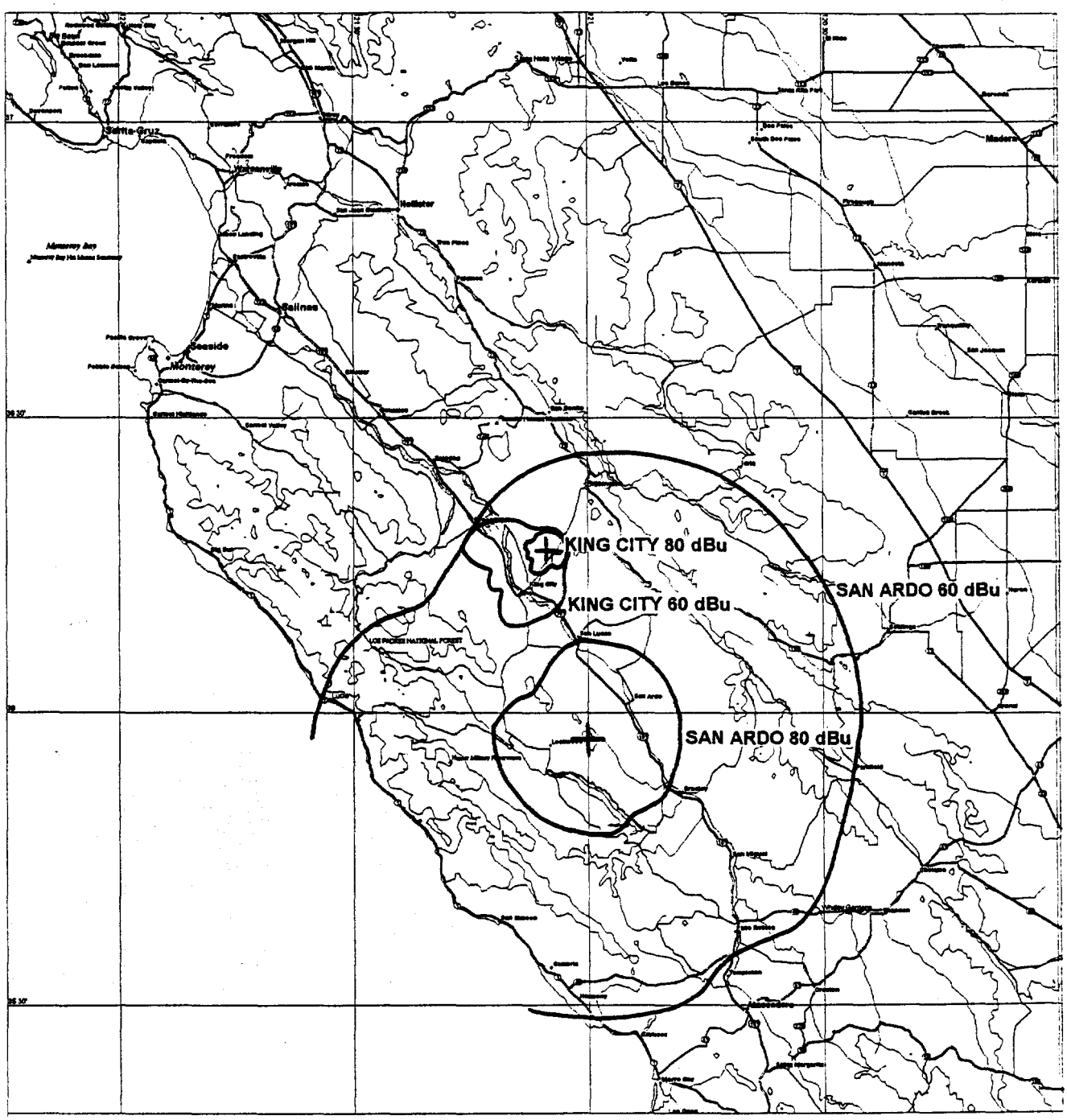

ERP = .93 kW, -.315 dBk FM - 2-6 Tables

Radial	HAAT	kW	dBk	Field	80 dBu
0 Degs.	-88.5M	0.030	-15.229	0.180	3.8
10 Degs.	-124.2M	0.030	-15.229	0.180	3.8
20 Degs.	-154.9M	0.030	-15.229	0.180	3.8
30 Degs.	-184.3M	0.030	-15.229	0.180	3.8
40 Degs.	-185.1M	0.030	-15.229	0.180	3.8
50 Degs.	-198.2M	0.030	-15.229	0.180	3.8
60 Degs.	-174.2M	0.030	-15.229	0.180	3.8
70 Degs.	-116.6M	0.030	-15.229	0.180	3.8
80 Degs.	-46.6M	0.030	-15.229	0.180	3.8
90 Degs.	-26.5M	0.030	-15.229	0.180	3.8
100 Degs.	-60.2M	0.030	-15.229	0.180	3.8
110 Degs.	-114.0M	0.030	-15.229	0.180	3.8
120 Degs.	-72.5M	0.030	-15.229	0.180	3.8
130 Degs.	-24.6M	0.030	-15.229	0.180	3.8
140 Degs.	8.0M	0.030	-15.229	0.180	3.8
150 Degs.	65.2M	0.030	-15.229	0.180	2.0
160 Degs.	108.8M	0.045	-13.468	0.220	2.6
170 Degs.	132.7M	0.065	-11.871	0.264	3.1
180 Degs.	136.6M	0.100	-10.000	0.328	3.6
190 Degs.	137.0M	0.155	-8.097	0.408	4.1
200 Degs.	133.5M	0.240	-6.198	0.508	4.6
210 Degs.	121.8M	0.375	-4.260	0.635	5.0
220 Degs.	80.6M	0.590	-2.291	0.796	4.6
230 Degs.	38.1M	0.930	-0.315	1.000	3.5
240 Degs.	51.2M	0.930	-0.315	1.000	4.1
250 Degs.	35.9M	0.930	-0.315	1.000	3.4
260 Degs.	69.7M	0.590	-2.291	0.796	4.2
270 Degs.	119.0M	0.375	-4.260	0.635	4.9
280 Degs.	145.4M	0.240	-6.198	0.508	4.8
290 Degs.	143.8M	0.155	-8.097	0.408	4.2
300 Degs.	132.1M	0.100	-10.000	0.328	3.6
310 Degs.	100.8M	0.065	-11.871	0.264	2.8
320 Degs.	63.4M	0.045	-13.468	0.220	2.2
330 Degs.	28.7M	0.030	-15.229	0.180	3.8
340 Degs.	-24.3M	0.030	-15.229	0.180	3.8
350 Degs.	-70.5M	0.030	-15.229	0.180	3.8

Central Coast Educational Broadcasters
New NCE-FM, King City, CA
Amendment to pending application BPED-940606MB

EXHIBIT E7
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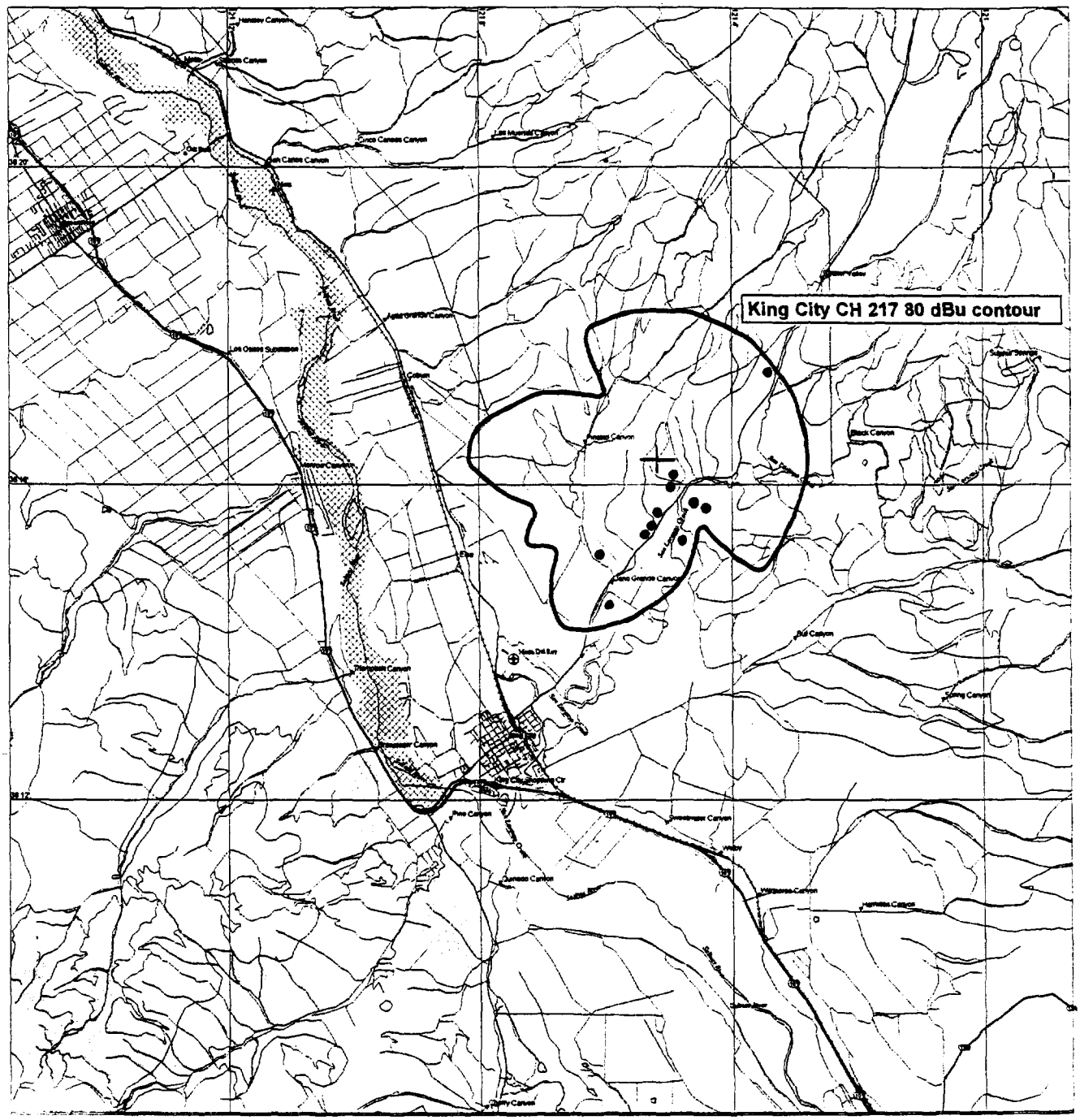
JUNE 1997



● location of houses

2 Miles

2 KM

new
Channel= 217
Max ERP = .93 kW
RCAMSL = 272 M
N. Lat = 361618
W. Lng = 1210511

KHDC - BLED810708AC
Channel = 215
Max ERP = 3 kW
RCAMSL = 369 M
N. Lat = 363454
W. Lng = 1212634

Protected 60 dBu				Interfering 80 dBu				
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
0.0	0.030	-88.5	4.1	133.4	3.000	119.8	44.0	52.3
10.0	0.030	-124.2	4.1	132.9	3.000	111.5	44.6	51.5
20.0	0.030	-154.9	4.1	132.4	3.000	103.6	45.2	50.7
30.0	0.030	-184.3	4.1	132.2	3.000	100.6	45.9	50.2
40.0	0.030	-185.1	4.1	132.1	3.000	99.1	46.6	49.8
50.0	0.030	-198.2	4.1	132.1	3.000	99.1	47.3	49.5
60.0	0.030	-174.2	4.1	132.3	3.000	102.1	48.0	49.5
70.0	0.030	-116.6	4.1	132.6	3.000	106.7	48.7	49.6
80.0	0.030	-46.6	4.1	133.1	3.000	114.8	49.3	49.9
90.0	0.030	-26.5	4.1	133.6	3.000	123.2	49.9	50.1
100.0	0.030	-60.2	4.1	134.3	3.000	135.1	50.3	50.6
110.0	0.030	-114.0	4.1	135.0	3.000	146.9	50.7	51.1
120.0	0.030	-72.5	4.1	135.7	3.000	157.8	50.9	51.5
130.0	0.030	-24.6	4.1	136.5	3.000	168.9	51.1	52.0
140.0	0.030	8.0	4.1	137.3	3.000	178.5	51.1	52.5
150.0	0.030	65.2	6.1	138.6	3.000	192.0	53.0	52.4
160.0	0.045	108.8	8.8	140.7	3.000	211.2	55.2	52.4
170.0	0.065	132.7	10.6	143.0	3.000	227.0	56.2	52.6
180.0	0.100	136.6	12.0	145.4	3.000	238.8	56.3	53.0
190.0	0.155	137.0	13.3	148.0	3.000	250.2	56.0	53.6
200.0	0.240	133.5	14.7	150.8	3.000	260.6	55.2	54.2
210.0	0.375	121.8	15.8	153.4	3.000	269.2	53.8	55.1
220.0	0.590	80.6	14.3	153.3	3.000	268.9	50.8	56.3
230.0	0.930	38.1	11.1	150.6	3.000	259.9	47.7	57.3
240.0	0.930	51.2	12.9	153.0	3.000	267.9	45.8	58.3
250.0	0.930	35.9	10.8	150.2	3.000	258.6	43.9	58.8
260.0	0.590	69.7	13.3	152.8	3.000	267.2	41.3	60.2
270.0	0.375	119.0	15.6	154.6	3.000	273.1	38.1	61.9
280.0	0.240	145.4	15.4	152.1	3.000	264.8	35.9	62.6
290.0	0.155	143.8	13.7	147.3	3.000	247.2	35.3	62.3
300.0	0.100	132.1	11.8	142.6	3.000	224.7	35.9	61.2
310.0	0.065	100.8	9.3	138.9	3.000	195.0	37.7	59.0
320.0	0.045	63.4	6.7	136.6	3.000	170.2	40.3	56.6
330.0	0.030	28.7	4.1	135.9	3.000	160.8	42.9	54.9
340.0	0.030	-24.3	4.1	135.0	3.000	146.9	43.2	54.1
350.0	0.030	-70.5	4.1	134.2	3.000	133.4	43.5	53.2

KHDC - BLED810708AC
Channel= 215
Max ERP = 3 kW
RCAMSL = 369 M
N. Lat = 363454
W. Lng = 1212634

new
Channel = 217
Max ERP = .93 kW
RCAMSL = 272 M
N. Lat = 361618
W. Lng = 1210511

Protected 60 dBu				Interfering 80 dBu				
Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
0.0	3.000	-119.0	13.2	326.2	0.035	45.4	57.3	21.9
10.0	3.000	-216.1	13.2	328.0	0.033	37.8	55.9	20.9
20.0	3.000	-257.2	13.2	329.7	0.030	30.6	54.3	19.9
30.0	3.000	-204.1	13.2	331.1	0.030	20.6	52.4	20.2
40.0	3.000	-222.1	13.2	332.2	0.030	11.8	50.3	20.6
50.0	3.000	-160.5	13.2	333.0	0.030	5.9	48.1	21.1
60.0	3.000	-204.9	13.2	333.4	0.030	3.2	45.8	21.6
70.0	3.000	-322.3	13.2	333.4	0.030	3.2	43.5	22.3
80.0	3.000	-313.4	13.2	332.7	0.030	8.0	41.3	22.9
90.0	3.000	-269.2	13.2	331.4	0.030	18.3	39.2	23.6
100.0	3.000	-189.7	13.2	329.5	0.031	31.7	37.3	24.7
110.0	3.000	-155.0	13.2	326.8	0.034	42.3	35.7	27.9
120.0	3.000	-21.6	13.2	323.6	0.039	59.0	34.5	31.7
130.0	3.000	71.9	20.6	322.6	0.041	62.2	26.6	36.4
140.0	3.000	205.2	33.6	309.8	0.066	101.6	13.5	53.5
150.0	3.000	257.9	37.3	278.9	0.253	145.4	13.5	62.4
160.0	3.000	289.1	39.2	262.7	0.527	84.1	18.8	56.0
170.0	3.000	303.8	40.0	258.8	0.627	69.2	25.6	49.8
180.0	3.000	301.5	39.9	260.3	0.583	70.1	32.5	45.6
190.0	3.000	276.0	38.4	265.0	0.476	96.0	38.8	44.7
200.0	3.000	221.4	34.9	272.1	0.344	131.3	44.0	43.5
210.0	3.000	136.0	27.7	282.8	0.214	145.2	47.0	41.0
220.0	3.000	89.8	23.0	289.7	0.157	143.9	49.7	38.5
230.0	3.000	118.8	26.2	288.7	0.165	144.2	54.9	36.7
240.0	3.000	118.9	26.2	291.3	0.147	143.2	58.7	34.7
250.0	3.000	128.2	27.0	293.7	0.133	141.0	62.6	32.8
260.0	3.000	241.0	36.3	292.6	0.140	142.2	73.3	29.6
270.0	3.000	303.7	40.0	295.6	0.123	138.3	79.7	26.9
280.0	3.000	307.2	40.2	300.1	0.100	132.0	82.6	24.8
290.0	3.000	304.9	40.0	304.7	0.083	122.5	84.6	23.0
300.0	3.000	298.1	39.7	309.3	0.067	103.6	85.6	20.9
310.0	3.000	288.9	39.1	313.9	0.057	83.1	85.9	19.2
320.0	3.000	230.7	35.6	318.4	0.048	64.2	82.5	18.4
330.0	3.000	144.3	28.4	322.0	0.042	63.1	74.9	19.6
340.0	3.000	6.0	13.2	322.1	0.042	63.0	59.3	23.8
350.0	3.000	-107.1	13.2	324.2	0.038	56.3	58.5	23.1